

PATENT APPLICATION  
Attorney Docket No. SJ0920020135US1  
Express Mail Label No. EV332928523US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

David F. HEPNER et al.

Serial No:

Filed: Herewith

For: PREDICTIVE FAILURE ANALYSIS AND  
FAILURE ISOLATION USING CURRENT  
SENSING

Examiner:

Art Unit:

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.


In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided. Furthermore, in accordance with Pre-OG Notice dated July 11, 2003, and titled, "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003", copies of U.S. Patents and Published Applications are not provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the references are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Dated: August 19, 2003

  
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Sheet 1 of 1

|  |   |                   |
|--|---|-------------------|
| <b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE<br/>(Modified) PATENT AND TRADEMARK OFFICE</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use several sheets if necessary) | <b>ATTY. DOCKET NO.</b><br>SJO920020114US1  | <b>SERIAL NO.</b> |
|  | <b>APPLICANTS</b><br>David F. HEPNER et al. |                   |
|  | <b>FILING DATE</b>                          | <b>GROUP</b>      |

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL | PATENT NUMBER | ISSUE DATE | PATENTEE        | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|---------------|------------|-----------------|-------|----------|-------------------------------|
|                     | 3,293,630     | 12/20/66   | McKaig et al.   |       |          |                               |
|                     | 3,962,694     | 06/08/76   | Calia et al.    | 340   | 267      |                               |
|                     | 4,492,999     | 01/08/85   | Amagasa         | 361   | 21       |                               |
|                     | 4,857,833     | 08/15/89   | Gonzalez et al. | 324   | 73       |                               |
|                     | 4,862,069     | 08/29/89   | Albee           | 324   | 73       |                               |
|                     | 4,951,171     | 08/21/90   | Tran et al.     | 361   | 90       |                               |
|                     | 6,104,304     | 08/15/00   | Clark et al.    | 340   | 664      |                               |
|                     | 6,191,697     | 02/20/01   | Hansen et al.   | 340   | 652      |                               |
|                     |               |            |                 |       |          |                               |
|                     |               |            |                 |       |          |                               |

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

|  | DOCUMENT<br>NUMBER | PUBLISHED<br>DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|--------------------|-------------------|---------|-------|----------|-------------|----|
|  |                    |                   |         |       |          | YES         | NO |
|  | 07-218595          | 08/18/95          | Japan   |       |          |             |    |
|  | 10-090356          | 04/10/98          | Japan   |       |          |             |    |
|  | 11-168179          | 06/22/99          | Japan   |       |          |             |    |
|  | 2000-065890        | 03/03/00          | Japan   |       |          |             |    |
|  | 2000-230962        | 08/22/00          | Japan   |       |          |             |    |
|  | 2000-258490        | 09/22/00          | Japan   |       |          |             |    |
|  |                    |                   |         |       |          |             |    |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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|                 |                        |
|-----------------|------------------------|
| <b>EXAMINER</b> | <b>DATE CONSIDERED</b> |
|-----------------|------------------------|

**EXAMINER:** Initial if citation considered, whether or not citation is in compliance with MPEP 609; Draw line through citation if not in compliance and not considered. Include copy of this form with next communication to applicant.